

2015 Hudson Valley Winter Wheat, Malting Barley and Hybrid Rye Summaries - Cornell

| Winter Wheat | | Grain Yield (kg/h) | | | | | Test Wt (kg/hl) | | | Lodging | | | Heading Date | | | Leaf Rust | | Glume Blotch | | |
|--------------|-------------------|--------------------|------|------|------|------|-----------------|------|------|---------|------|-----|--------------|------|------|-----------|------|--------------|------|-----|
| Entry | | Conv | Rank | Org | Rank | Mean | Rank | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Conv | Org |
| 1 | Fulcaster | 4219 | 9 | 3928 | 9 | 4073 | 9 | 73.4 | 75.6 | 74.5 | 7.5 | 4.3 | 5.9 | 5/28 | 5/27 | 5/27 | 23 | 1 | 3 | 2 |
| 2 | Pride of Genesee | 4082 | 10 | 3534 | 10 | 3808 | 10 | 75.0 | 77.9 | 76.4 | 6.0 | 2.3 | 4.2 | 5/27 | 5/28 | 5/27 | 28 | 4 | 6 | 4 |
| 3 | Forward | 5470 | 6 | 4414 | 7 | 4942 | 7 | 74.8 | 74.8 | 74.8 | 4.5 | 2.3 | 3.4 | 5/28 | 5/29 | 5/28 | 30 | 7 | 1 | 1 |
| 4 | Yorkstar | 5294 | 7 | 4572 | 6 | 4933 | 8 | 70.4 | 72.4 | 71.4 | 5.5 | 3.0 | 4.3 | 5/27 | 5/27 | 5/27 | 35 | 7 | 5 | 10 |
| 5 | Warthog | 5988 | 3 | 4904 | 3 | 5446 | 4 | 78.7 | 78.6 | 78.6 | 1.5 | 1.0 | 1.3 | 5/26 | 5/25 | 5/25 | 1 | 0 | 2 | 6 |
| 6 | NuEast | 6507 | 2 | 4835 | 4 | 5671 | 2 | 79.3 | 78.6 | 79.0 | 4.5 | 1.0 | 2.8 | 5/23 | 5/24 | 5/23 | 0 | 0 | 8 | 12 |
| 7 | Appalachian White | 5245 | 8 | 4660 | 5 | 4952 | 6 | 75.6 | 73.2 | 74.4 | 6.0 | 1.7 | 3.8 | 5/24 | 5/24 | 5/24 | 0 | 0 | 5 | 6 |
| 8 | Medina | 5683 | 5 | 5303 | 2 | 5493 | 3 | 71.6 | 73.6 | 72.6 | 1.5 | 0.7 | 1.1 | 5/27 | 5/27 | 5/27 | 50 | 4 | 3 | 7 |
| 9 | Otsego | 7321 | 1 | 5915 | 1 | 6618 | 1 | 77.7 | 76.3 | 77.0 | 2.5 | 1.3 | 1.9 | 5/25 | 5/24 | 5/24 | 13 | 1 | 3 | 4 |
| 10 | Erie | 5928 | 4 | 4225 | 8 | 5076 | 5 | 73.6 | 75.2 | 74.4 | 0.0 | 0.0 | 0.0 | 5/27 | 5/26 | 5/26 | 0 | 0 | 1 | 2 |
| Mean | | 5574 | | 4629 | | 5101 | | 75.0 | 75.6 | 75.3 | 4.0 | 1.8 | 2.9 | 5/26 | 5/26 | 5/26 | 17.8 | 2.3 | 3.6 | 5.2 |
| CV | | 7.6 | | 7.6 | | | | | | | | | | | | | | | | |

| Winter Rye | | Grain Yield (kg/h) | | | | | Test Wt (kg/hl) | | | Lodging | | | Heading Date | | | Wint Surv | | Leaf Rust | | |
|-------------|----------------------|--------------------|------|------|------|------|-----------------|------|------|---------|------|-----|--------------|------|------|-----------|------|-----------|------|------|
| Entry | | Conv | Rank | Org | Rank | Mean | Rank | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Conv | Org |
| 1 | Brasetto (180 k/m2) | 3767 | 6 | 3254 | 4 | 3511 | 6 | 62.9 | 66.2 | 64.5 | 0 | 0 | | 5/21 | 5/20 | 5/20 | 57 | 100 | 0.0 | 7.0 |
| 2 | Brasetto (200 k/m2) | 4024 | 4 | 3082 | 8 | 3553 | 4 | 63.3 | 66.3 | 64.8 | 0 | 0 | | 5/21 | 5/21 | 5/20 | 80 | 100 | 0.0 | 10.3 |
| 3 | Brasetto (250 k/m2) | 4725 | 1 | 3689 | 1 | 4207 | 1 | 64.0 | 66.9 | 65.5 | 0 | 0 | | 5/19 | 5/21 | 5/19 | 77 | 100 | 0.0 | 9.0 |
| 4 | KWS Bono (H 119) | 3027 | 8 | 3193 | 6 | 3110 | 7 | 64.2 | 68.0 | 66.1 | 0 | 0 | | 5/21 | 5/20 | 5/20 | 62 | 100 | 0.0 | 5.3 |
| 5 | KWS Rhavo (H 120) | 3224 | 7 | 2700 | 9 | 2962 | 9 | 65.5 | 68.8 | 67.1 | 0 | 0 | | 5/19 | 5/18 | 5/18 | 67 | 100 | 0.0 | 5.0 |
| 6 | KWS H-139 (Nikko) | 2650 | 9 | 3561 | 3 | 3105 | 8 | 64.7 | 68.0 | 66.4 | 0 | 0 | | 5/22 | 5/20 | 5/20 | 45 | 100 | 0.0 | 4.0 |
| 7 | KWS H-140 (Daniello) | 3840 | 5 | 3208 | 5 | 3524 | 5 | 64.6 | 67.6 | 66.1 | 0 | 0 | | 5/18 | 5/20 | 5/19 | 73 | 100 | 0.0 | 0.3 |
| 8 | KWS H-144 (Gatano) | 4201 | 3 | 3606 | 2 | 3904 | 2 | 65.2 | 67.9 | 66.6 | 0 | 0 | | 5/20 | 5/19 | 5/19 | 73 | 100 | 0.0 | 2.3 |
| 9 | Medina (wheat ck) | NA | | NA | | | | | | | | | | | | | | | | |
| 10 | Danko | 4247 | 2 | 3095 | 7 | 3671 | 3 | 67.3 | 69.4 | 68.4 | 0 | 0 | | 5/17 | 5/18 | 5/17 | 78 | 100 | 0.0 | 6.7 |
| Mean | | 3745 | | 3265 | | 3505 | | 64.6 | 67.7 | 66.2 | 0.0 | 0.0 | | 6/22 | 6/20 | 6/22 | 68 | 100 | 0.0 | 5.6 |
| CV | | 8.5 | | 4.5 | | | | | | | | | | | | | | | | |

| Winter Malting Barley | | Grain Yield (kg/h) | | | | | Test Wt (kg/hl) | | | Lodging | | | Heading Date | | | Wint Surv | | Leaf Rust | | |
|-----------------------|---------------------|--------------------|------|------|------|------|-----------------|------|------|---------|------|-----|--------------|------|------|-----------|------|-----------|------|-----|
| Entry | | Conv | Rank | Org | Rank | Mean | Rank | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Conv | Org |
| 1 | Charles | 2023 | 10 | 2237 | 10 | 2130 | 10 | 54.1 | 57.3 | 55.7 | 7.7 | 6.5 | 7.1 | 5/26 | 5/24 | 5/25 | 77 | 90 | 27 | 28 |
| 2 | 10467p2 | 3542 | 5 | 4398 | 1 | 3970 | 1 | 60.7 | 62.6 | 61.6 | 1.0 | 1.0 | 1.0 | 5/21 | 5/20 | 5/20 | 83 | 95 | 0 | 1 |
| 3 | 10467r2 | 3652 | 3 | 4187 | 2 | 3920 | 2 | 62.1 | 63.9 | 63.0 | 1.3 | 1.0 | 1.2 | 5/19 | 5/19 | 5/19 | 85 | 98 | 0 | 1 |
| 4 | 10467r4 | 2714 | 9 | 2858 | 9 | 2786 | 9 | 58.9 | 60.9 | 59.9 | 2.3 | 3.0 | 2.7 | 5/23 | 5/21 | 5/22 | 80 | 93 | 0 | 0 |
| 5 | 03/220/158 | 3639 | 4 | 4040 | 3 | 3839 | 3 | 58.5 | 63.0 | 60.7 | 3.3 | 3.0 | 3.2 | 5/25 | 5/25 | 5/25 | 90 | 98 | 0 | 0 |
| 6 | KWS Scala | 3683 | 2 | 2977 | 8 | 3330 | 8 | 60.6 | 61.4 | 61.0 | 0.7 | 0.5 | 0.6 | 5/27 | 5/25 | 5/26 | 90 | 95 | 0 | 0 |
| 7 | SY Tepee (209-66) | 3207 | 6 | 3615 | 5 | 3411 | 6 | 61.7 | 63.0 | 62.4 | 3.0 | 2.5 | 2.8 | 5/28 | 5/27 | 5/27 | 90 | 93 | 0 | 0 |
| 8 | SY Mezmaar (209-72) | 3821 | 1 | 3272 | 7 | 3546 | 4 | 61.5 | 61.3 | 61.4 | 1.3 | 1.0 | 1.2 | 5/27 | 5/27 | 5/27 | 82 | 93 | 0 | 1 |
| 9 | Endeavor | 3130 | 7 | 3953 | 4 | 3541 | 5 | 62.8 | 62.3 | 62.5 | 2.3 | 2.0 | 2.2 | 5/24 | 5/21 | 5/23 | 63 | 95 | 13 | 25 |
| 10 | WintMalt | 3098 | 8 | 3565 | 6 | 3332 | 7 | 58.8 | 60.0 | 59.4 | 1.3 | 1.5 | 1.4 | 6/2 | 5/31 | 6/1 | 80 | 93 | 5 | 3 |
| Mean | | 3251 | | 3510 | | 3381 | | 60.0 | 61.5 | 60.8 | 2.4 | 2.2 | 2.3 | 5/25 | 5/24 | 5/25 | 82.0 | 94.0 | 4.6 | 5.7 |
| CV | | 14.9 | | 16.5 | | | | | | | | | | | | | | | | |

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| Spring Wheat | | Grain Yield (kg/h) | | | | | Test Wt (kg/hl) | | | Lodging (0-9) | | | Heading Date | | | Leaf Blotch% | | Powd.Mild.% | | | |
|---------------------|----------|---------------------------|------|------|------|------|------------------------|------|------|----------------------|------|-----|---------------------|------|------|---------------------|------|--------------------|------|-----|--|
| Entry | | Conv | Rank | Org | Rank | Mean | Rank | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Conv | Org | |
| 1 | Stoa | 1941 | 6 | 2100 | 4 | 2020 | 5 | 70.3 | 71.8 | 71.1 | 2.3 | 2.0 | 2.2 | 6/17 | 6/17 | 6/17 | 5.3 | 2.3 | 0.5 | 0.3 | |
| 2 | Red Fife | 1163 | 10 | 1715 | 10 | 1439 | 10 | 70.6 | 72.2 | 71.4 | 6.0 | 3.7 | 4.8 | 6/23 | 6/22 | 6/22 | 1.0 | 0.8 | 0.3 | 0.7 | |
| 3 | RB07 | 2113 | 4 | 1746 | 9 | 1930 | 7 | 71.7 | 72.2 | 72.0 | 3.3 | 2.7 | 3.0 | 6/16 | 6/16 | 6/16 | 1.7 | 1.0 | 0.0 | 0.2 | |
| 4 | Tom | 2492 | 1 | 2210 | 3 | 2351 | 3 | 75.7 | 76.9 | 76.3 | 1.7 | 2.0 | 1.8 | 6/14 | 6/15 | 6/14 | 1.0 | 1.7 | 0.3 | 0.3 | |
| 5 | Rollag | 1895 | 7 | 1840 | 8 | 1867 | 8 | 74.8 | 77.4 | 76.1 | 2.0 | 2.0 | 2.0 | 6/5 | 6/15 | 6/10 | 2.3 | 1.0 | 0.2 | 0.3 | |
| 6 | Sabin | 1788 | 8 | 2074 | 6 | 1931 | 6 | 72.9 | 74.7 | 73.8 | 4.0 | 2.3 | 3.2 | 6/20 | 6/18 | 6/19 | 4.3 | 3.0 | 0.0 | 0.0 | |
| 7 | Glenn | 2028 | 5 | 2084 | 5 | 2056 | 4 | 77.8 | 75.4 | 76.6 | 1.7 | 2.0 | 1.8 | 6/3 | 6/15 | 6/9 | 11.0 | 4.3 | 0.0 | 0.0 | |
| 8 | Cromwell | 2398 | 3 | 2604 | 1 | 2501 | 1 | 76.1 | 77.8 | 77.0 | 0.7 | 2.0 | 1.3 | 6/16 | 6/16 | 6/16 | 0.8 | 1.0 | 0.5 | 0.7 | |
| 9 | Faller | 2464 | 2 | 2336 | 2 | 2400 | 2 | 71.8 | 72.9 | 72.4 | 0.3 | 1.7 | 1.0 | 6/17 | 6/18 | 6/17 | 1.7 | 1.0 | 0.0 | 0.3 | |
| 10 | Elgin | 1660 | 9 | 2057 | 7 | 1858 | 9 | 70.2 | 72.7 | 71.4 | 1.7 | 1.7 | 1.7 | 6/14 | 6/14 | 6/14 | 10.0 | 2.3 | 0.3 | 0.5 | |
| Mean | | 1994 | | 2077 | | 2035 | | 73.2 | 74.4 | 73.8 | 2.4 | 2.2 | 2.3 | 6/14 | 6/16 | 6/15 | 3.9 | 1.9 | 0.2 | 0.3 | |
| CV | | 11.2 | | 11.4 | | | | | | | | | | | | | | | | | |

| Spring Malting Barley | | Grain Yield (kg/h) | | | | | Test Wt (kg/hl) | | | Lodging (0-9) | | | Heading Date | | | Leaf Blight% | | Powd.Mild.% | | | |
|------------------------------|-------------|---------------------------|------|-------|------|-------|------------------------|-------|------|----------------------|------|-----|---------------------|------|------|---------------------|------|--------------------|------|-----|--|
| Entry | | Conv | Rank | Org | Rank | Mean | Rank | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Conv | Org | |
| 1 | Herta | 888.2 | 7 | 956.1 | 5 | 922.1 | 6 | 51.8 | 54.0 | 52.9 | 9 | 9 | | 6/23 | 6/25 | 6/24 | 20 | 7 | 0.0 | 0.0 | |
| 2 | Conlon | 943.1 | 6 | 559.9 | 7 | 751.5 | 7 | 51.9 | 53.0 | 52.5 | 9 | 9 | | 6/17 | 6/19 | 6/18 | 73 | 53 | 0.0 | 0.0 | |
| 3 | M152 | 2093 | 1 | 1456 | 4 | 1774 | 2 | 55.6 | 57.0 | 56.3 | 9 | 9 | | 6/16 | 6/19 | 6/17 | 7 | 4 | 11.7 | 2.3 | |
| 4 | Lacey | 1909 | 3 | 1516 | 3 | 1713 | 3 | 55.8 | 56.3 | 56.1 | 9 | 9 | | 6/17 | 6/19 | 6/18 | 4 | 3 | 6.3 | 2.7 | |
| 5 | Quest | 1578 | 4 | 1662 | 1 | 1620 | 4 | 53.5 | 55.5 | 54.5 | 9 | 9 | | 6/16 | 6/17 | 6/17 | 7 | 7 | 3.0 | 0.5 | |
| 6 | Cerveza | Poor Germination | | | | - | - | 52.5 | | - | 9 | 9 | | 6/28 | | - | 7 | 6 | 0.0 | 0.0 | |
| 7 | Newdale | Poor Germination | | | | - | - | 50.6 | | - | 9 | 9 | | 7/1 | | - | 8 | 4 | 0.0 | 0.2 | |
| 8 | AAC Synergy | Poor Germination | | | | - | - | 53.7 | | - | 9 | 9 | | 7/1 | | - | 2 | 2 | 0.0 | 0.0 | |
| 9 | ND Genesis | 2025 | 2 | 1638 | 2 | 1831 | 1 | 53.37 | 55.3 | 54.3 | 9 | 9 | | 7/9 | 6/17 | 6/28 | 6 | 5 | 0.0 | 0.0 | |
| 10 | Pinnacle | 997.3 | 5 | 866.5 | 6 | 931.9 | 5 | 49.8 | 49.0 | 49.4 | 9 | 9 | | 6/17 | 6/19 | 6/18 | 70 | 57 | 0.0 | 0.0 | |
| Mean | | 1490 | | 1236 | | 1363 | | 52.9 | 54.3 | 53.7 | 9.0 | 9.0 | | 6/22 | 6/20 | 6/22 | 21 | 15 | 2.1 | 0.6 | |
| CV | | 24.9 | | 31.6 | | | | | | | | | | | | | | | | | |

| Spring Hulled Grains | | Grain Yield (kg/h) | | | | | Test Wt (kg/hl) | | | Lodging | | | Heading Date | | | |
|-----------------------------|--------------------|---------------------------|------|------------------|------|------|------------------------|------|------|----------------|------|-----|---------------------|------|------|------|
| Entry | | Conv | Rank | Org | Rank | Mean | Rank | Conv | Org | Mean | Conv | Org | Mean | Conv | Org | Mean |
| 1 | Ogle (oat) | 2720 | 4 | 2083 | 3 | 2401 | 3 | 36.5 | 37.4 | 37.0 | 3.7 | 4.7 | 4.2 | 6/18 | 6/18 | 6/18 |
| 2 | Corral (oat) | 5408 | 1 | 2754 | 1 | 4081 | 1 | 40.4 | 39.7 | 40.1 | 2.3 | 1.3 | 1.8 | 6/22 | 6/24 | 6/23 |
| 3 | Horsepower (oat) | 4515 | 2 | 2359 | 2 | 3437 | 2 | 38.9 | 38.2 | 38.6 | 5.3 | 2.0 | 3.7 | 6/18 | 6/18 | 6/18 |
| 4 | Hidalgo (oat) | 1398 | 6 | 1105 | 6 | 1252 | 6 | 27.7 | 30.9 | 29.3 | 7.0 | 7.5 | 7.3 | 6/25 | 6/26 | 6/25 |
| 5 | Oaklin (oat) | 3418 | 3 | 748.8 | 8 | 2083 | 4 | 38.4 | 31.1 | 34.7 | 1.0 | 1.3 | 1.2 | 6/23 | 6/24 | 6/23 |
| 6 | Red Vernal (emmer) | 1186 | 8 | 1151 | 5 | 1169 | 7 | 32.9 | 35.2 | 34.0 | 7.7 | 5.3 | 6.5 | 6/26 | 6/27 | 6/26 |
| 7 | Lucille (emmer) | 1048 | 9 | Poor Germination | | | | 33.7 | - | - | 6.0 | 2.3 | 4.2 | 7/1 | - | - |
| 8 | ND Common (emmer) | 1239 | 7 | 968.3 | 7 | 1104 | 8 | 35.6 | 35.7 | 35.6 | 8.0 | 7.3 | 7.7 | 6/27 | 6/28 | 6/27 |
| 9 | TM23 (einkorn) | Poor Germination | | | | - | - | - | - | - | - | 2.3 | - | - | - | - |
| 10 | CDC Zorba (spelt) | 2499 | 5 | 1649 | 4 | 2074 | 5 | 30.9 | 29.8 | 30.4 | 3.3 | 3.0 | 3.2 | 6/29 | 6/29 | 6/29 |
| Mean | | 2603 | | 1602 | | 2200 | | 35.0 | 34.7 | 35.0 | 4.9 | 3.7 | 4.4 | 6/24 | 6/24 | 6/24 |
| CV | | 23.4 | | 38.6 | | | | | | | | | | | | |

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